

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 5344-0017-23 DIV	SERIAL NO. NEW APPLICATION
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT		Krzysztof MATYJASZEWSKI et al.	
		FILING DATE HEREWITH		GROUP	
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)					
9/1/01	AAC	M. Asscher et al, "Chlorine-Activation by Redox-Transfer, Part IV. The Addition of Sulphonyl Chlorides to Vinylic Monomers and Other Olefins", <u>Asscher and Vofsi</u> , pp. 4962-4971.			
9/1/01	AAD	N. KAMIGATA et al, "Novel Perfluoroalkylation of Alkenes with Perfluoroalkanesulphonyl Chlorides Catalysed by a Ruthenium (II) Complex", <u>J. Chem. Soc. Perkin Trans</u> , pp. 627-633, 1991.			
9/1/01	AAE	V. PERCEC et al, "Living" Radical Polymerization of Styrene Initiated by Arenesulfonyl Chlorides and Cu ¹ (bpy) ₂ C ₁₀ H ₁₂ , <u>Macromolecules</u> , Vol. 28, No. 23, pp. 7970-7972, 1995.			
9/1/01	AAF	V. PERCEC et al, "Metal-Catalyzed "Living" Radical Polymerization of Styrene Initiated with Arenesulfonyl Chlorides. From Heterogeneous to Homogeneous Catalysis", <u>Macromolecules</u> , Vol 29, No. 10, pp. 3665-3668, 1996.			
9/1/01	AAG	Chemical Abstracts, Vol. 85, 1976, pp. 20.			
9/1/01	AAH	O. W. WEBSTER, "Living Polymerization Methods", <u>Science</u> , Vol. 25, February 22, pp. 887-893, 1991.			
9/1/01	AAI	S. COCA et al, "Polymerization of Acrylates by Atom Transfer Radical Polymerization. Homopolymerization of 2-Hydroxyethyl Acrylate", <u>Journal of Polymer Science: Part A: Polymer Chemistry</u> , Vol. 36, pp. 1417-1424, 1998.			
9/1/01	AAJ	C. GRANEL et al "Controlled Radical Polymerization of Methacrylic Monomers in the Presence of Bis(ortho-chelated) Arylnickel(II) cComplex and Different Activated Alkyl Halides", <u>Macromolecules</u> , Vol. 29, No. 27, pp. 8576-8582, 1996.			
9/1/01	AAK	K. MATYJASZEWSKI et al, "Zerovalent Metals in Controlled/"Living" Radical Polymerization", <u>Macromolecules</u> , Vol 30, No. 23, pp. 7348-7350, 1997.			
9/1/01	AAL	C. MARESTIN et al, "Nitroxide Mediated Living Radical Polymerization of Styrene in Emulsion", <u>Macromolecules</u> , Vol. 31, No. 12, pp. 4041-4044, 1998.			
9/1/01	AAM	J. XIA et al, "Controlled/"Living" Radical Polymerization. Homogeneous Reverse Atom Transfer Radical Polymerization Using AIBN as the Initiator", <u>Macromolecules</u> , Vol. 30, No. 25, pp. 7692-7696, 1997.			
9/1/01	AAN	S. A.F. BON et al, "Controlled Radical Polymerization in Emulsion", <u>Macromolecules</u> , Vol. 30, No. 2, pp. 324-326, 1997.			
9/1/01	AAO	<u>Macromolecules</u> "Evidence for Living Radical Polymerization of Methyl Methacrylate with Ruthenium Complex: Effects of Protic and Radical Compounds and Reinitiation from the Recovered Polymers," T. NISHIKAWA et al., Vol. 30, No. 8, 1997, pp. 2244-2248, 1997.			
9/1/01	AAP	T. MAKINO et al, "Controlled Atom Transfer Radical Polymerizations of Methyl Methacrylate under Micellar Conditions", pp. 288-289.			
9/1/01	AAQ	"Controlled "Living" Emulsion Polymerization of Methyl Methacrylate by Atom Transfer Radical Polymerization", pp. 90-134, (PART 2 OF "AAP" DOCUMENTS ABOVE).			
9/1/01	AAR	U. SCHUBERT et al, "Design of Effective Systems for Controlled Radical Polymerization of Styrene: Application of 4,4'-Dimethyl and 5,5'-Dimethyl 2,2'-Bipyridine Copper(II) Complexes", <u>Macromol. Rapid Commun.</u> , Vol. 20, No. 6, pp. 351-355, 1999.			
	AAS				
Examiner	Michael J. D. Vende			Date Considered	4/19/01
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 5344-0017-23 DIV		SERIAL NO. 09/359,359	
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT		Krzysztof MATYJASZEWSKI et al			
		FILING DATE		July 23, 1999		GROUP	
						1745 1755	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	TRADEMARK OFFICE	DATE	NAME	CLASS	SUB CLASS
mpd	AA	5,886,118		03/23/99	PERCEC	521	146
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	YES	NO
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
mpd	AW	Seong Mu JO et al, "Effects of Various Copper Salts and Additives on Polymerization of Acrylonitrile by Atom Transfer Radical Polymerization", pages 699-700.					
mpd	AX	Dorota GRESZTA et al, "Gradient Copolymers of Styrene and Acrylonitrile Via Atom Transfer Radical Polymerization", pages 709-710					
mpd	AY	Seong Mu JO et al, "Polyacrylonitrile with Low Polydispersities by Atom Transfer Radical Polymerization", pages 697-698.					
	AZ						
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		FILING DATE HEREWITH	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
MMJ	AA	3,862,978	01/28/75	DECKER et al.	260	465	
MMJ	AB	4,145,486	03/20/79	HAAG et al	521	31	
MMJ	AC	5,169,914	12/08/92	KASZAS et al	526	135	
MMJ	AD	5,405,913	04/11/95	HARWOOD et al	525	245	
MMJ	AE	5,451,647	09/19/95	FAUST et al	526	147	
MMJ	AF	5,708,102	01/13/98	FRYD et al	526	172	
MMJ	AG	5,763,548	06/09/98	MATYJASZEWSKI et al	526	135	
MMJ	AH	5,767,210	06/16/98	LECOMTE et al	526	166	
MMJ	AI	5,773,538	06/30/98	FEIRING	526	146	
MMJ	AJ	5,789,487	08/04/98	MATYJASZEWSKI et al	525	301	
MMJ	AK	5,807,937	09/15/98	MATYJASZEWSKI et al	526	135	
MMJ	AL	5,811,500	09/22/98	DUBOIS et al	526	145	
MMJ	AM	5,854,364	12/29/98	SENNINGER et al	526	192	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO
MMJ	AN	EP 0 265 091 A1	04/27/88	EPO		
MMJ	AO	EP 0 789 036 A2	08/13/97	EPO		
MMJ	AP	EP 0 816 385 A1	01/07/98	EPO		
MMJ	AQ	EP 0 832 902 A2	04/01/98	EPO		
MMJ	AR	EP 0 826 698 A1	03/04/98	EPO		
MMJ	AS	EP 0 824 111 A1	02/18/98	EPO		
MMJ	AT	EP 0 824 110 A1	02/18/98	EPO		
MMJ	AU	WO 97/47661	12/18/97	WIPO		
MMJ	AV	WO 98/06758	02/19/98	WIPO		
MMJ	AW	WO 98/20050	05/14/98	WIPO		
MMJ	AX	1165828A	11/26/97	CHINA	XX	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

MMJ	AY	T. Nakata et al., "New Initiator Systems for Radical Polymerization of Vinyl Monomers", <u>Polymer Letters</u> , Vol. 5, pp. 697-701, 1967.
MMJ	AZ	T. E. PATTEN et al, "Polymers with very Low Polydispersities from Atom Transfer Radical Polymerization", <u>Science</u> , Vol. 272, pp. 866-868, May 10, 1996.
MMJ	AAA	V. PERCEC et al, "Self-Regulated Phase Transfer of Cu ₂ o/bpy, Cu(0)/bpy, and Cu ₂ o/cu(0)/bpy Catalyzed "Living" Radical Polymerization Initiated with Sulfonyl Chlorides", <u>Macromolecules</u> , Vol. 31, No. 12, pp. 4053-4056, 1998.
MMJ	AAB	A. OROCHOV et al, "Redox-Transfer, Part VI, Determination of Hammet's O-Constant for the Oxidation of Cuprous Chloride by Aromatic Sulphonyl Chlorides", <u>J. Chem. Soc. (B)</u> , pp. 255-259.

Examiner

Michael J. D. Vadi

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4/19/01

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